

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	545	(xml or ml or dtd or schema) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:32
S2	455	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:01
S3	33	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and "regular expression"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:34
S4	0	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and ((edges and states) near5 element )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:35
S5	0	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and ("set of states") near5 element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:36
S6	484	glushkov	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:36
S7	1	glushkov and edges and "regular expression"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:36
S8	4	glushkov and edges and states	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:36
S9	0	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and (tree near5 automata)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:01

## EAST Search History

S10	208	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and tree and states	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:03
S11	89	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and tree and states and (regular or grammar or automata )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:07
S12	89	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and tree and states and (regular or grammar or automata )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:00
S13	0	rita and dtd same compliant	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:01
S14	0	(cowan and mackie).in. and dtd same compliant	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:38
S15	0	(cowan and mackie).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:02
S16	0	(pianosi and smit).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:02
S17	29	(document near3 edit\$3 ) and (dtd near3 compl\$5 ) and element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:42
S18	1	(document near3 edit\$3 ) same (dtd near3 compl\$5 ) and element and automata	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:43

## EAST Search History

S19	0	(document near3 edit\$3 ) same (dtd near3 compl\$5 ) and element and fsa	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:44
S20	5	(document near3 edit\$3 ) same (dtd near3 compl\$5 ) and element and state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:55
S21	1	((document near3 edit\$3 ) same ((dtd near3 compl\$5 ) or "model checker" ) and element and (fsa or automata)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:56
S22	5	(document near3 edit\$3 ) same ((dtd near3 compl\$5 ) or "model checker" ) and element and (fsa or automata or state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:56
S23	5	(document near3 edit\$3 ) same ((dtd near3 compl\$5 ) or "model checker" or (spin near5 verification) ) and element and (fsa or automata or state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:57
S24	19	(document near3 edit\$3 ) same (((dtd or schema) same compl\$5 ) or "model checker" or (spin same verification) ) and element and (fsa or automata or state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:13
S25	16488	(dtd or schema or spin) same (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:16
S26	440	(dtd or schema or spin) same (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) same element same (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:16
S27	17	((dtd or schema or spin) near5 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) ) near5 (fsa or automa\$2 or state or graph\$3 ) same element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:17
S28	17	S27 not S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:30

## EAST Search History

S29	100	708/420.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:31
S30	1	708/420.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:32
S31	0	708/421.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:32
S32	0	708/440.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:32
S33	1	708/42?.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:33
S34	609	715/513.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:34
S35	67	715/530.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:34
S36	4	717/112.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:38
S37	140495	(dtd or schema or xml or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and (fsa or automa\$4 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:39
S38	1265	(dtd or schema or xml or spin) near5 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) same (fsa or automa\$4 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:40

## EAST Search History

S39	216	(dtd or schema or xml or spin) near5 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) same (fsa or automa\$4 ) and state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:40
S40	60	(dtd or schema or xml or spin) near5 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) near5 (fsa or automa\$4 ) and state and element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:40
S41	41	(dtd or schema or xml or spin) near3 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) near3 (fsa or automa\$4 ) and state and element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:43
S42	41	(dtd or schema or xml or spin) near3 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) near3 (fsa or automa\$4 ) and state and element and automa\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:43
S43	615	(add\$3 or delet\$3 or insert\$3) near2 element same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:39
S44	49	(add\$3 or delet\$3 or insert\$3) near2 element same xml and ((first and second and third) or successive or consecutive or adjacent or related) adj elements	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:40
S45	23	(add\$3 or delet\$3 or insert\$3) near2 element same xml and ((first and second and third) or successive or consecutive or adjacent or related) adj elements and (dtd or schema) near3 (valid\$3 or verif\$8 or correct\$4 or comply or compliance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:41
S46	132	(xml or ml) near3 (edit\$3 or ide or develop\$4 ) and (relationship near3 element) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 08:27

## EAST Search History

S47	132	(xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (relationship near3 element) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 08:28
S48	8	(xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (relationship near3 element) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 08:30
S49	8	(xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (relationship near3 element) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:03

## EAST Search History

S50	1	717/109.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:04
S51	1	717/113.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:06
S52	0	717/115.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:09
S53	234	717/115.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:05

## EAST Search History

S54	311	717/113.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:05
S55	434	717/109.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:05
S56	0	717/115.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 or author\$3 or model\$3 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:10
S57	0	717/115.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 or author\$3 or model\$3 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:10

## EAST Search History

S58	0	717/115.ccls. and (xml or ml or metalanguage) same (edit\$3 or ide or develop\$4 or author\$3 or model\$3 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:11
S59	0	717/115.ccls. and (xml or ml or metalanguage) and (edit\$3 or ide or develop\$4 or author\$3 or model\$3 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:11
S60	28	717/115.ccls. and (xml or ml or metalanguage) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:11
S61	38	717/113.ccls. and (xml or ml or metalanguage) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 13:16

## EAST Search History

S62	66	S60 or S61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:12
S64	4	rita and editor and xml	USPAT	OR	OFF	2007/07/12 14:08
S65	9	rita and "structured document"	USPAT	OR	ON	2007/07/12 14:08
S66	67	edit\$3 and (insert\$3 or transform\$5 ) same "structured document"	USPAT	OR	ON	2007/07/12 14:09
S67	62	edit\$3 and (insert\$3 or transform\$5 ) same "structured document" and (list\$3 or candidate or menu or selection or suggest\$3 or prompt\$3 or allowable )	USPAT	OR	ON	2007/07/12 14:10

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	132	(xml or ml) near3 (edit\$3 or ide or develop\$4 ) and (relationship near3 element) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 08:27
L2	132	(xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (relationship near3 element) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 08:28
L3	8	(xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (relationship near3 element) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 08:30
L4	8	(xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (relationship near3 element) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:03

## EAST Search History

L5	1	717/109.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:04
L6	1	717/113.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:06
L7	0	717/115.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:09
L8	234	717/115.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:05

## EAST Search History

L9	311	717/113.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:05
L10	434	717/109.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:05
L11	0	717/115.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 or author\$3 or model\$3 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or relationship ) near3 (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:10
L12	0	717/115.ccls. and (xml or ml or metalanguage) near3 (edit\$3 or ide or develop\$4 or author\$3 or model\$3 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:10

## EAST Search History

L13	0	717/115.ccls. and (xml or ml or metalanguage) same (edit\$3 or ide or develop\$4 or author\$3 or model\$3 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:11
L14	0	717/115.ccls. and (xml or ml or metalanguage) and (edit\$3 or ide or develop\$4 or author\$3 or model\$3 ) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (fsa or automata or nondeterministic or "non-deterministic" ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:11
L15	28	717/115.ccls. and (xml or ml or metalanguage) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:11
L16	38	717/113.ccls. and (xml or ml or metalanguage) and (list or candidate or suggestion or acceptable or possible) and (consecutive or successive\$2 or follow\$3 or subsequent\$2 or related\$4 or relationship ) and (comply or compliance or verify\$3 or verification or checker or validat\$5 ) and (tag\$3 or element or insertion or edit\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:12

## EAST Search History

L17	66	l15 or l16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 09:12
S1	545	(xml or ml or dtd or schema) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:32
S2	455	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:01
S3	33	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and "regular expression"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:34
S4	0	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and ((edges and states) near5 element )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:35
S5	0	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and ("set of states") near5 element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:36
S6	484	glushkov	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:36
S7	1	glushkov and edges and "regular expression"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:36
S8	4	glushkov and edges and states	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:36
S9	0	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and (tree near5 automata)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:01

## EAST Search History

S10	208	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and tree and states	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:03
S11	89	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and tree and states and (regular or grammar or automata )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:07
S12	89	(xml ) near5 ( "document editor" or editor) and (comply\$3 or compliance or valid\$3 or correct\$2 or guidance or hint) and tree and states and (regular or grammar or automata )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:00
S13	0	rita and dtd same compliant	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:01
S14	0	(cowan and mackie).in. and dtd same compliant	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:38
S15	0	(cowan and mackie).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:02
S16	0	(pianosi and smit).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 17:02
S17	29	(document near3 edit\$3 ) and (dtd near3 compl\$5 ) and element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:42
S18	1	(document near3 edit\$3 ) same (dtd near3 compl\$5 ) and element and automata	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:43

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S19	0	(document near3 edit\$3 ) same (dtd near3 compl\$5 ) and element and fsa	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:44
S20	5	(document near3 edit\$3 ) same (dtd near3 compl\$5 ) and element and state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:55
S21	1	(document near3 edit\$3 ) same ((dtd near3 compl\$5 ) or "model checker" ) and element and (fsa or automata)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:56
S22	5	(document near3 edit\$3 ) same ((dtd near3 compl\$5 ) or "model checker" ) and element and (fsa or automata or state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:56
S23	5	(document near3 edit\$3 ) same ((dtd near3 compl\$5 ) or "model checker" or (spin near5 verification) ) and element and (fsa or automata or state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:57
S24	19	(document near3 edit\$3 ) same (((dtd or schema) same compl\$5 ) or "model checker" or (spin same verification) ) and element and (fsa or automata or state)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:13
S25	16488	(dtd or schema or spin) same (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:16
S26	440	(dtd or schema or spin) same (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) same element same (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:16
S27	17	((dtd or schema or spin) near5 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) ) near5 (fsa or automa\$2 or state or graph\$3 ) same element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:17
S28	17	S27 not S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:30

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S29	100	708/420.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:31
S30	1	708/420.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:32
S31	0	708/421.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:32
S32	0	708/440.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:32
S33	1	708/42?.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:33
S34	609	715/513.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:34
S35	67	715/530.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:34
S36	4	717/112.ccls. and (dtd or schema or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and element and (fsa or automa\$2 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:38
S37	140495	(dtd or schema or xml or spin) and (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) and (fsa or automa\$4 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:39
S38	1265	(dtd or schema or xml or spin) near5 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) same (fsa or automa\$4 or state or graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:40

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S39	216	(dtd or schema or xml or spin) near5 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) same (fsa or automa\$4 ) and state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:40
S40	60	(dtd or schema or xml or spin) near5 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) near5 (fsa or automa\$4 ) and state and element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:40
S41	41	(dtd or schema or xml or spin) near3 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) near3 (fsa or automa\$4 ) and state and element	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:43
S42	41	(dtd or schema or xml or spin) near3 (compl\$5 or verif\$7 or valid\$5 or correct\$4 or "model checker" ) near3 (fsa or automa\$4 ) and state and element and automa\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:43
S43	615	(add\$3 or delet\$3 or insert\$3) near2 element same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:39
S44	49	(add\$3 or delet\$3 or insert\$3) near2 element same xml and ((first and second and third) or successive or consecutive or adjacent or related) adj elements	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:40
S45	23	(add\$3 or delet\$3 or insert\$3) near2 element same xml and ((first and second and third) or successive or consecutive or adjacent or related) adj elements and (dtd or schema) near3 (valid\$3 or verif\$8 or correct\$4 or comply or compliance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:41